

[illegible]

Namely, a user interface obtains a password, generally from a user. A hint

engine can then use the key to encrypt data. The client then sends the encrypted data and possibly the hint for storage on the server. To decrypt the data, the key must be determined. Accordingly, the server knows some information and the user knows some information for decrypting the data. To generate the key, the decrypting client must first obtain rights to retrieve the hint from the server and must obtain the password from the user. Increased level of security is achieved.